

AGRICULTURAL MANAGEMENT ASSISTANCE (AMA)

Pest Management -- Evaluation Criteria

Land User's Name _____

County _____

Address _____

Telephone _____

Total Estimated Cost \$ _____

Total AMA Acres _____

EVALUATION ITEM	CONCERN	MAXIMUM POINTS	POINTS AWARDED
I. Crop	Fruits or Vegetables	10	
II. Unprotected Pesticide Storage Area	< 75 feet	15	
	75 to 149 feet	10	
	150 to 300 feet	5	
Distance From Well, Stream, or Pond for Current Facility	Citing New Facility > 300 feet from Well, Stream or Pond	5	
III. Unprotected Pesticide Mixing Area	< 75 feet	15	
	75 to 149 feet	10	
	150 to 300 feet	5	
Distance from Well, Stream, or Pond for Current Facility	Citing New Facility > 300 feet from Well, Stream, or Pond	5	
IV. Develop & Implement a Pest Management Plan	<100 feet	30	
Distance From Treated Fields to a Stream or Pond	100 to 249 feet	25	
	250 to 500 feet	20	
	> 500 feet	15	
V. Distance from treated field to closest Residence who is not an owner, operator, or employee.	< 250 feet	10	
	250 to 500 feet	5	
	> 500 feet	0	
VI. Establish Windbreak or Riparian Buffer (min. 500' or 1/3 acre)		5	
VII. Pest Management Enhancements <input type="checkbox"/> Biological Pest Control <input type="checkbox"/> Pheromone Ties for Disruption of Mating <input type="checkbox"/> Weather & Degree Day Monitoring <input type="checkbox"/> Minimum 5 year Permanent Vegetative Cover after removal of Orchard Trees <input type="checkbox"/> Use of "Smart" sprayers <input type="checkbox"/> Use Rape for Cover Crop (soil fumigation)	5 points/each	10	
VIII. Conservation Plan	Yes	5	
	No	0	
TOTAL POINTS			

Prepared by _____

Date _____

February 18, 2005

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Pest Management

All items for which points are awarded will have an item in the AMA contract stating the specific items to be performed in accordance with that item.

I. Crop

Fruits and vegetables have traditionally been greater users of pesticides so preference is given to these crops.

II. Unprotected Pesticide Storage Area

Currently pesticides are stored in an area with permeable floor materials (eg. soil, gravel, wood, etc) and /or lacking curbing and runoff control. Applicant will install a facility meeting PATG Standard PA596, Agrichemical Handling Facility, and agrees to develop and implement a pest management plan according to Pennsylvania Technical Guide Standard 595, Pest Management

Note: Additional points are awarded if the facility will be relocated a least 300 feet from the water body.

III. Unprotected Pesticide Mixing Area

Currently pesticides are mixed in a permeable area (eg. soil, gravel, wood, etc) and /or lacking curbing and runoff control. Applicant will install a facility meeting PATG Standard PA596, Agrichemical Handling Facility, and agrees to develop and implement a pest management plan according to Pennsylvania Technical Guide Standard 595, Pest Management

Note: Additional points are awarded if the facility will be relocated a least 300 feet from the water body.

IV. Develop & Implement a Pest Management Plan

Applicant agrees to develop and implement a pest management plan according to Pennsylvania Technical Guide Standard 595, Pest Management. Additional points are awarded based on the distance of the managed area from open water bodies.

V. Distance from treated field to closest residence who is not an owner, operator, or employee.

Measurements are made from the edge of the treated field to the closest residence.

VI. Establish Windbreak or Riparian Buffer

Windbreak and/or Riparian Buffer will be established to protect residences or open bodies of water.

Windbreaks or Riparian Buffers will be established as part of the AMA contract and not under another USDA program such as the Conservation Reserve Enhancement Program (CREP).

VII. Pest Management Enhancements

Points are awarded for innovative and reduced pesticide use techniques.

Biological Pest Control – use of plants or predators to control disease and/or insects.

Pheromone Traps – Artificial scents which disrupt the mating cycle of injurious insects.

Weather & Degree Day Monitoring – a written record of weather observations is kept on which pesticide application decisions are based.

Minimum 5 year Permanent vegetative Cover after removal of Orchard Trees - When a block of trees is removed, the area is established in a permanent vegetative cover for at least 5 years to cause the demise of many of the soil borne pests injurious to fruit trees.

Use of “Smart” sprayers – use of GPS sprayers which allow point specific spray application.

Use Rape for Cover Crop – Rapeseed has been found to have soil fumigation properties.

VIII. Conservation Plan

Points are assigned for the presence of a conservation plan. The conservation plan may be a Conservation Compliance Plan with treatment planned to an Acceptable Conservation System.